



tagformance™

RFID Measurement Cabinet

Compact, shielded and anechoic cabinet for measuring RFID tags and antennas. The cabinet is especially designed for the UHF RFID range and integrates seamlessly with the Tagformance RFID measurement system. As an optional feature, the cabinet includes a computer controlled rotating platform for measuring tag radiation patterns. You do not need a dedicated and expensive measurement room - place your RFID test site anywhere you want!

Benefits

- Standardized measurement environment out-of-the-box
- Low running costs - requires minimal office space
- Quick and convenient radiation pattern measurements
- Higher measurement throughput than in an chamber

RFID Measurement Cabinet

Shielded and anechoic measurement cabinet with computer controlled rotating platform. Typical applications include UHF RFID tag performance measurements and antenna characterization.

Standard Features

Dimensions: 120 x 80 x 80 cm

Door dimensions: 50 x 50 cm (Shielded)

Material: Stainless steel

Shielding effectiveness > 90 dB up to 3 GHz

30 cm pyramid absorbers on back wall, 10 cm absorbers on other walls

Two feed-through Type-N connectors

Waveguide feedthrough for rotation mechanism

Sliding bars with foam fixing for the tag

Standard measurement antenna: Wideband (800-1000 MHz) linear polarized patch antenna

Optional Feature 1: Tag rotation system

Rotation electronics with USB interface and power supply

Includes all the needed hardware, such as fixings, cables and step motor

Orientation Sensitivity measurement function for Tagformance software

Software needs a Windows PC and Tagformance lite measurement unit (not included)

Optional Feature 2: UHF Circulator

Wideband circulator for monostatic antenna configuration

Over 20 dB isolation throughout the 800 to 1000 MHz range

